Table A.3.6. Central Yard SWMU 15 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	Analyte Concentrations Greater Than Delineation Criteria [5]
S1392 1/16/03 Full RFI (2nd Iteration) SWMU 15	16	12	Fill: 0-16`	0	P, U, F	S1392E2 (8.5-9)	BTEX	None
S0743 7/10/02 Full RFI SWMU 15	9	--	Fill: 0-5 Clay 5-9	0	P, U, F	S0743A4 (1.5-2)	V, S, Pb, TOL	None
					P, U, F	S0743C2 (4.5-5)	V, S, Pb, TOL	None
					P, U, N	S0743D1 (6-6.5))	V, S, Pb, TOL	None
S0742 7/9/02 Full RFI SWMU 15	12	--	Fill: 0-10.5 Clay: 10.5-12	0.6 (0.5-2)	P, U, F	S0742A4 (1.5-2)	V, S, Pb, TOL	None
					P, U, F	S0742D3 (7-7.5)	V, S, Pb, TOL	None
					P, U, N	S0742F4 (11.5-12)	V, S, Pb, TOL	None
S0741/ MW108 7/10/02 Full RFI SWMU 15	20	--	Fill: 0-10 (petroleum odor at 3.5 to 4) Clay: 10-20	213 (3.5-4)	P, U, F	S0741A4 (1.5-2)	V, S, pb, TOL (7/10/02) V, S, M, SPLP metals (7/11/02)	None
					P, U, F	S0741C1 (4-4.5)	V, S, Pb, TOL	**Benzene: 1.02 mg/kg**
					P, U, F	S0741 (5-7)	Phys. Char.	
					P, U, N	S0741F2 (10.5-11)	V, S, Pb, TOL	None
					Water	MW108 (10/24 and 12/2 2002)	V,S, M, water quality	**Benzene: 7 ug/L**

Table A.3.6. Central Yard SWMU 15 Summary of Boring Log and Analytical Data

Boring/ Date/ Report	Total Depth of Boring	Depth to Water[1]	Lithologic Description[2] (Observation Notes)	Maximum PID Response, ppm_v (Depth)	Sample Type[3]	Sample ID (Depth)	Analyses[4]	Analyte Concentrations Greater Than Delineation Criteria [5]
S0740 7/9/02 Full RFI SWMU 15	9	--	Fill: 0-7 Clay: 7.5-9	3.0 (6.5-7)	P, U, F	S0740A4 (1.5-2)	V, S, Pb, TOL	None
					P, U, F	S0740BC (2-6)	Phys. Char.	
					P, U, F	S0740C3 (5.0 -5.5)	V, S, Pb, TOL, SPLP pb	None
					P, U, N	S0740E2 (8.5-9)	V, S, pb, TOL	None
S0484 7/20/99 2nd OWSS CY3	20	13	Fill: 0-4 (black liquid along fractured surfaces at 3 to 3.5) Clay: 4-16 Silty Sand: 16-20	58 (2 -4)	P, U, F	S0484 (3 -3.5)	V, S, M, TPH	None
H0271 2nd OWSS 7/20/99 CY3	20	13	See S0484	58 (2-4)	Water	H0271		Bis(2-ethylhexyl) phthalate: 130 ug/l Lead: 283 ug/l
HP0105 9/12/97 1st Groundwater SWMU 15	20	13	See SB-0044	680	Water	HP0105	V, S, Pb	**Benzene: 5 ug/l** Lead: 24.4 ug/l
SB0044 10/23/95 1st Soils SWMU 15	12	3.5	Fill: 0-9 (petroleum staining at 4.2 to 5 and 6 to 6.3) Silt: 9–12 (black staining at 9 to 9.5)	509 (4 -6)	P, S, F	SB0044 (4 -6)	V, S, Pb, TEL	*Benzene: 1.9 mg/kg (Impact to Groundwater—not applicable)* Total lead: 663 mg/kg
U015005 10/23/95 1st Soils SWMU 15	10	2.5	Fill: 0-5 Silt: 5-10	0	None			
U015004 10/23/95 1st Soils SWMU 15	10	3.5	Fill: 0-8 (pockets of petroleum at 3 to 6) Silt: 8-10	0	None			
U015003 10/23/95 1st Soils SWMU 15	12	--	Fill: 0-5.8 Silt: 5.8-12	3 (2 -4)	None			

NOTES:

Benzene and benzo(a)pyrene are highlighted in bold because they are indicator constituents of concern (COCs)

Shaded rows indicate samples collected from nearby SWMUs/AOCs

ppm_v = parts per million (volume basis)

All depths referenced on this summary table are in feet below the ground surface.

PID = Photoionization detector.

ID = Identifier.

mg/kg = milligrams per kilogram (equivalent to parts per million).

µg/L = micrograms per liter (equivalent to parts per million).

[1]Depth to water as observed during borehole advancement.

[2]"Fill" encountered within the completed borings was characteristically described as an asphalt layer (typical) underlain by a heterogeneous gravel to clay mixture of unconsolidated materials, ranging in color from tan to gray with occasional construction debris (e.g., brick) present. In some locations, the fill material is further characterized by containing a slag or beaded material, in which case it is noted within the table. Also noted on the table are any other olfactory or visual observations that indicate potential petroleum-type impacts within the fill unit were observed.

[3]P – property boundary, O – on-site, U – unsaturated, S – saturated, F – fill, N – native. "None" indicates that no sample was collected.

[4]V – VOCs, S – SVOCs, M – metals, Pb – lead, TOL – total organic lead, TEL – tetraethyl lead, TPH – Total Petroleum Hydrocarbons; SPLP -- Synthetic Precipitation Leaching Procedure; -Phys. Char. -- physical characteristics.